

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (CURRENTLY AMENDED) An inbred cucumber seed designated 8D-5079, wherein a sample of said seed has been deposited under ATCC Accession No. _____ number PTA-5897.
2. (ORIGINAL) A cucumber plant, or parts thereof, produced by growing the seed of claim 1.
3. (ORIGINAL) Pollen of the plant of claim 2.
4. (ORIGINAL) An ovule or ovules of the plant of claim 2.
5. (ORIGINAL) A cucumber plant, or parts thereof, having all of the physiological and morphological characteristics of the cucumber plant of claim 2.
6. (CANCELED)
7. (CURRENTLY AMENDED) A tissue culture of regenerable cells of a cucumber plant of variety 8D-5079, wherein the tissue culture regenerates plants having all the morphological and physiological characteristics of cucumber line 8D-5079, representative seeds having been deposited under ATCC Accession number _____ PTA-5897.
8. (PREVIOUSLY PRESENTED) The tissue culture according to claim 7, wherein the cells are isolated from a plant part selected from the group consisting of embryos, meristems, pollen, leaves, anthers, stems, petioles, roots, root tips, fruits, flowers, cotyledons, and hypocotyls.
9. (CURRENTLY AMENDED) A cucumber plant regenerated from the tissue culture of claim 7, wherein the plant expresses all the morphological and physiological characteristics of inbred cucumber line 8D-5079, representative seeds having been deposited under ATCC Accession number _____ PTA-5897.
10. (ORIGINAL) A method for producing a hybrid cucumber seed, wherein the method comprises crossing a first inbred parent cucumber plant with a second inbred parent

cucumber plant and harvesting the resultant hybrid cucumber seed, wherein said first or second parent cucumber plant is the cucumber plant of claim 2.

11 - 34. (CANCELLED)

35. (PREVIOUSLY PRESENTED) A method of producing an herbicide resistant cucumber plant, wherein the method comprises transforming the cucumber plant of claim 2 with a transgene that confers herbicide resistance.

36. (PREVIOUSLY PRESENTED) An herbicide resistant cucumber plant produced by the method of claim 35.

37. (PREVIOUSLY PRESENTED) A method of producing an insect resistant cucumber plant, wherein the method comprises transforming the cucumber plant of claim 2 with a transgene that confers insect resistance.

38. (PREVIOUSLY PRESENTED) An insect resistant cucumber plant produced by the method of claim 37.

39. (PREVIOUSLY PRESENTED) A method of producing a disease resistant cucumber plant, wherein the method comprises transforming the cucumber plant of claim 2 with a transgene that confers disease resistance.

40. (PREVIOUSLY PRESENTED) A disease resistant cucumber plant produced by the method of claim 39.

41 - 44. (CANCELED)

45. (CURRENTLY AMENDED) A hybrid cucumber seed designated W83049*8D-5079, representative seed having been deposited under ATCC Accession No. _____ number PTA-5928, or a hybrid W83049*8D-5079 plant produced by growing the seed.

46. (PREVIOUSLY PRESENTED) Protoplast or callus derived from cells isolated from a plant part selected from the group consisting of embryos, meristems, pollen, leaves, anthers, stems, petioles, roots, root tips, fruits, flowers, cotyledons and hypocotyls, wherein the plant part is isolated from the plant of claim 2.